

(SF-1855)

Relations Between Water Economy and the Chemical
Industry, by Wilhelm Blauhut, 8 pp.

GERMAN, per, Chemische Technik, No 11, 1960,
pp 623-626.

JPRS 11366

Ecar - Germany

Econ

Jan 62

177,963

Benn. O.
PRODUCTION OF BUTADIENE BY THE CATALYTIC
DEHYDROGENATION OF n-BUTENE AND n-BU-
TANE. [1961] 19p.
Order from ATS \$26.10 ATS-18N54G

Trans. of Chem[ische] Technik (East Germany)
1960, v. 12, no. 12, p. 706-714.

DESCRIPTORS: *Butadienes, Production, *Butenes,
*Butenes, Dehydrogenation, Catalysts

(Engineering--Chemical, TT, v. 6, no. 11)

61-25650

I. Benn. O.
II. ATS-18N54G
III. Associated Technical
Services, Inc., East
Orange, N. J.

47-100-52

18N713

Office of Technical Services

Design of Fluidized Bed Plants According to the ~~SI~~
Similitude Theory, by G. Winterstein, G. Biess.

GERMAN, per, Chem Tech, Vol XIII, No 2, 1961, ~~XXXXXX~~
pp 64-68.

CSIRO/No 5764

Sci
Jun 63

Teubel, J., Schmiedel, R., and Schwerdt, R.
SPECTROSCOPIC RESEARCH ON THE EFFECT OF
INDUSTRIAL REFINING PROCESSES IN THE PRO-
DUCTION OF WHITE PARAFFIN WAX. [1961] 10p.
Order from ATS \$14.95 ATS-60N53G

Trans. of Chem[ische] Tech[nik] (East Germany) 1961.
v. 13, no. 2, p. 99-104.

DESCRIPTORS: *Waxes, Processing, Production,
Spectrographic analysis.

(Engineering--Chemical, TT, v. 6, no. 11)

61-25491

- I. Teubel, J.
- II. Schmiedel, R.
- III. Schwerdt, R.
- IV. ATS-60N53G
- V. Associated Technical
Services, Inc., East
Orange, N. J.

ATC/700-6-J

Office of Technical Services

Chemical Industry Successes in 1960, by Peter
Weikrecht.

GERMAN, per, Chemische Technik, Vol XIII, No 3,
1961, pp 129-131.

FDD Sum 3069

EEur - Germany
Econ
Jun 61

155, 411

Unknown Article From German Periodical *by D. Singer*
per,
GERMAN, Chemische Technik, Mar 1961, pp 159-164.

CIA/FDD KX-1271
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Oct 62

USIB INTERNAL USE ONLY

Cooperation Between the Chemical and Machine-
Building Industries,

GERMAN, per, Chemische Technik, Vol XIII, No 4,
1961, pp 189-192.

FDD Sum 3135

EUR - Germany
Econ - Industry
Aug 61

163,136

(8F-1855)

PROBLEMS CONNECTED WITH SYSTEMATIC PREVENTIVE
MAINTENANCE IN THE CHEMICAL INDUSTRY, BY GOTTFRIED
GRABNER, 5 PP.

GERMAN, PER, CHEMISCHE TECHNIK, VOL XIII
NO 4, 1961, PP 225, 226.

JPRS 13606

EUR - GERMANY
ECON .
EE
MAY 62

193,332

(NY-6450)

New Attachments for the UR Ten Infrared
Spectrophotometer, by Hubert Biettnier, 12 pp.

GERMAN, per, Chemische Technik, Vol XIII,
No 4, 1961, pp 233-236.

JPSC 9676

Sci ~ Engr
Aug 61

161,920

VOLUMETRIC METHOD FOR THE DETERMINATION OF
ZIRCONIUM, BY T. BOETHIN, ET AL.

GERMAN, PER, CHEM TECHNIK, VOL XIII, NO 5, 1961,
PP 306, 307.

HB 5576

SCI - CHEM
AUG 62

207,002

Two Years of the Chemistry Program in the
Petroleum Industry and Petroleum Chemistry,
by Friedrich-Wilhelm Matsbke, 6 pp.

GERMAN, per, Chemische Technik, Vol XVII,
No 6, 1961, pp 317-319.

JERS 10075

Sci - Chem

Nov 61

Sept 61

10075

10075

(72-10)

Extraction of Ku^{106} in liquid $KuZ-67A$ by
Adsorption on Fine Particled Multilayer.
by G. Sachse, R. Leibnitz, 5 pp.

GERMANY, par, Chemische Technik, Vol. 1317,
No 6, 1961, pp 364-365.

JPRS 11256

Sci - Chem
Dec 61

176, 335

Rapid Method for the Volumetric Determination of
Zirconium in Zirconium Silicate, by T. Boethin,
et al,

KNECKEMAN, per, Chemische Tech, Vol XIII, No 6,
1961, pp 365-366.

HB 5577

Sci-Min/Net
Jun 63

220,010

(NY-10)

Activities of the Lacquer, Paint and
Coating-Technology Committee of the
Federation of Chemical-Industry Unions,
by J. Morgner, 5 pp.

GERMAN, per, Chemische Technik,
Vol. XIII, No 6, 1961, pp 376-377.

JPRS 11250

7

1/18, 121

MI

EDur - Germany

Econ

Dec 61

KEE

(NY-10)

The Institute ~~X~~ for Plant Biochemistry ~~X~~ of
the German Academy of Sciences of Berlin
in Halle/Saale, by Horst-Robert Schuetts,
10 pp.

GERMAN, per, Chemische Technik, Vol XIII,
No 6, 1961, pp 377-379.

JPRS 11000

Sci - Misc
Dec 61

176, 218

The Bubble Column as Element of Technical
Reaction Control: The Heat Transfer in Bubble
Columns, by H. Kolbel, H. Langemann, 14pp
GERMAN, per, Chemische Technik, Vol 13, 1961, K
No 7/8, pp 394-399
SIA TT-64-30040

Sci - Eng
May 67

327,394

(NY-10)

The Analytical Chemistry of Plutonium, by
F Dieter ~~KMEH~~ Nebel, 19 pp.

GERMAN, par, Chemische Technik, Vol XIII,
No 9, 1961, pp 522-529.

JPRS 11689

Sci - Chem
Jan 62

171,605

(NY-10)

On Some Questions About the Training of
East German Chemical Students in
Economics, by H. H. Steege, 9 pp.

GERMAN, per, Chemische Technik, Vol XIII,
No 9, 1961, pp 560-563.

JPRS 11629

EBur - German
Soc
Jan 62
EE

178, 148

TT-65-13872

Field 7A

Ujhidy, A.; Babos, B.
APPLICATION POTENTIALS OF FILM REACTORS IN
PROCESS TECHNOLOGY, 9p, 10refs.
Order from SLA: \$1.10 as TT-65-13872

Trans. of Chemische Technik (East Germany) v13 n10 p587-90
1961.

MR 667

Contribution to the Theory of Multi-Stage
Fluidization. 1. Rating of Multi-Stage
Turbulence Reactors. Relationship Between
Residue Time Required and Reactor Dimensions,
by G. Winterstein, K. Rose.

GERMAN, per, Chemische Technik, Vol XIII, ~~XXXXX~~
No 10, 1961, pp 590-594.

CSIRO/No 6011

Sci-Chem
Mar 63

225,368

Pohle, G.
COS FORMATION IN COMPRESSED INDUSTRIAL
GASES CONTAINING CO AND H₂S. [1962] 4p.
Order from ATS \$5.85 ATS-56P59G
Trans. of Chem[ische] Tech[nik] (East Germany) 1961,
v. 13, no. 10, p. 594-595.

DESCRIPTORS: *Carbonyl radicals, *Sulfides,
*Carbon compounds, *Monoxides, *Hydrogen
compounds, *Waste gases.

(Engineering--Chemical, TT, v. 8 no. 2)

62-17320

I. Pohle, G.
II. ATS-56P59G
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Optical Brighteners, by Peter Wurthle, 8 pp.
GERMAN, per, Chemische Technik, Vol XIII, No 10, 1961,
pp 598-603.

SLA 63-14383

Sci-Phys
Feb 64

250,004

(SI-1855)

Problems of Development and Research at the
Ves Laura-Merles Walter Ubricht, by
Wolfgang Schinner, 11 pp.

GERMAN, par, Chemische Technik, Vol XIII,
No 11, 1961, pp 637-640.

JPRS 12652

EUR - Germany
Econ
Mar 62
EE

183, 450

Continuous Diazotisation of Aniline in a
Thin-Film Reactor, by B. Babos, A. Ukhidy. 15 p.
GERMAN, per, Chemische Technik, Vol 13, No 11,
1961, pp 662-665.
TC-1038

Sci-Chem
Jul 66

307,619

A REACTOR FOR STUDYING THE RADIOCHEMICAL EFFECT
OF ELECTRICAL DISCHARGE AT HIGH TEMPERATURES, BY
G. FOLDIAK, 4 PP.

GERMAN, PER, CHEMISCHE TECHNIK, NO 12, 1961,
PP 748-749. ~~SECRET~~ 9666270

FTD-TT-62-982

SCI - ELECTRON
SEP 62

210,145

(BF-1857)

The Research Institute for Nonferrous
Metals in Freiberg, 6 pp.

GERMAN, per, Chemische Technik, Vol XIV,
No 1, 1962, pp 59-61.

JPRS 13266

EBar - Germany

Econ

Apr 62

EE

190,665

The Determination of Hydrocarbon Traces
Atmospheric Air and Liquid Oxygen, by Jutta Theer,
9 pp.

GERMAN, per, Chemische Technik, No 3, 1962,
pp 164-167. 9681642

FTD-TT-62-1665

Sci-Chem
May 63

229,538

TT-65-13805

Field 7A

Freund, M.; Nemeth, A.
MODERN PROCESSES FOR OBTAINING PURE ACETYLENE
OR ACETYLENE-OLEFIN MIXTURES, 8p, 31 refs.
Order from SLA: \$1.10 as TT-65-13805

Trans. of Chemische Technik (East Germany) v14 n4 p194-
1962.

MR 666

63-12314

Blume, H., Munzing, J., Sturtz, H.
DEVELOPMENT OF A CATALYSTS FOR THE RE-
MOVAL OF ACETYLENE FROM AN ETHANE-
ETHYLENE FRACTION BY SELECTIVE HYDROGENA-
TION. [1962] 16p.

Order from ATS \$21.75

ATS-64P64G

Trans. of Chem[ische] Tech[nik] (East Germany) 1962,
v. 14, no. 4, p. 214-221.

DESCRIPTORS: *Ethanes, *Ethylenes, *Hydrogenation,
*Acetylenes, Separation, Catalysts.

(Engineering--Chemical, TT, v. 9, no. 2)

- I. Blume, H.
 - II. Munzing, J.
 - III. Sturtz, H.
 - IV. ATS-64P64G
 - V. Associated Technical
Services, Inc., East
Orange, N. J.
- 47-811-1

Office of Technical Services

Siroky, Lubomir.
CONCERNING THE OCCURENCE OF SOME ORGANIC
HYDROGEN-FREE ACIDS IN THE PRODUCTION OF
CITRIC ACID. [1962] 7p. (figs. omitted) 12 refs.
Order from SLA \$1.10 63-10670

Trans. of Chem[ische] Techn[ik] (East Germany) 1962,
v. 14, no. 8, p. 469-471.

DESCRIPTORS: Organic acids, *Citric acids,
*Fermentation, Crystallization, Chemical precipitation,
Chromatographic analysis.

(Chemistry--Organic, TT, v. 9, no. 12)

63-10670

1. Title: Molasses
1. Siroky, L.

Office of Technical Services

TT-65-12077

Field 7D

Koegler, H.; Queck, S.
PROCEDURE FOR REACTIVATING PRECIOUS METAL
CATALYSTS, 16p, (figs omitted).
Order from SLA: \$1.60 as TT-65-12077

Trans. of Chemische Technik (East Germany) v14 n9
p541-5 1962.

I. Koegler, H.
II. Queck, S.

MR 625

TT-65-12076

Field 7A

Koegler, H.; Queck, S.; Wagner, H.; Weidenbach, G.
ISOMERIZATION OF LIGHT GASOLINE WITH PROMOTED
REFORMING CATALYSTS. 15p, 8 refs.
Order from SLA: \$1.60 as TT-65-12076

Trans. of Chemische Technik (East Germany) v14 n10
p596-9 1962.

I. Koegler, H.
II. Queck, S.
III. Wagner, H.
IV. Weidenbach, G.

MR 625

Thin-Layer Chromatography of Phenols, by H. Seeboth,
9 pp.

GERMAN, per, Chemische Technik, Vol XV, No 1,
1963, pp ~~14, 21~~ 34, 35. 9226323

AEC-SC-T-64-1642

Sci-Chem
Jan 65

271,804

Fully Refined High Melting Waxes of a
High Degree of Purity and their Stability
Towards Light, Air and Temperature, by
J. Teubel.

GERMAN, per, Chemische Technik, Vol 15, No 3,
1963, pp 33-129 - /33
GB/3

Sci -
Jul 67

334,595

The Enthalpy-Concentration Diagram of the
System Hydrogen Fluoride-Water, by R. Vieweg.
GERMAN, per, Chemische Technik, vol. 15,
no.1, 1953, pp. 12-14.
NTC 70-17119-07D

June 1971

Operation of Methanol Synthesis with a
Copper Catalyst, by W. Kotowski.
GERMAN, per, Chemische Technik, Vol 15,
1963, pp 204-205.
NTC 69-10986-07A

Sci-Chem
May 69

382,513

On the Quantitative Determination of Phenols
Separated by Thin-Layer Chromatography, by
Helmut Seeboth, Hedda Gorsch,
GERMAN, per, Chemische Technik, Vol XV, No 5,
1963, pp 294-296. 9694658
DDC RSIC-224

Sci - Chem
Oct 64

TT-64-71299

268,305

Investigation of the Action of Surface-Active Agents
in the Movement of Highly Viscous Fuel Oil (MAZUT)
Through Pipelines, by Georg Rudakov.
GERMAN, per, Chemische Technik, Vol XV, No 8,
1963.
ERDL, Ft Belvoir T-1732
(AD - 440503)

Sci - Chem
Oct 64

267,628

Liebl, X., Suchanek, V., Keil, G., and Boeck, E.
ALUMINUM HYDROXIDE-CALCIUM ACETATE COM-
PLEXES LUBRICATING GREASES. [Jan 64] 5p
Order from ATS \$7.00 ATS-91Q73G

Trans. of Chem[ische] Technik (East Germany) 1963,
v. 15, no. 8, p. 477-479.

DESCRIPTORS: *Lubricants, *Greases, Calcium com-
pounds, Acetates, Aluminum compounds, Hydroxides

(Materials--Lubricants, TT, v. 11, no. 10)

TT-64-12389

- I. Liebl, X.
- II. Suchanek, V.
- III. Keil, G.
- IV. Boeck, E.
- V. ATS-91Q73G
- VI. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Measurement of Active Pt Surfaces on
Supported Catalysts, by G. Weilenbach,
H. Emsw, 12 pp.

GERMAN, per, Chemische Technik,
Vol 13, No 10, 1963, pp 589-591.
SIA TT-65-10395

336,235

Sci
Aug 67

TT-65-12039

Field 7A

Kresse, C.; Seumel, H.; Tischendorf, G.
INVESTIGATIONS CONCERNING THE USE OF PRESSURE
CANDLE FILTERS FOR THE MECHANICAL PURIFICA-
TION OF TAR. 16p, (figs omitted) 3refs.
Order from SLA: \$1.00 as TT-65-12039

Trans. of Chemische Technik (East Germany) v15 n10
p595-600 1963.

I. Kresse, C.
II. Seumel, H.
III. Tischendorf, G.

MR 624

TT-65-12192

Field 7A

Muehlberg, H.
DIRECTION OF DEVELOPMENT OF THE POTASH INDUS-
TRY (Entwicklungstendenzen in der Kaliindustrie). 15p.
(foreign text included) 25refs.
Order from SLA: \$1.60 as TT-65-12192

Trans. of Chemische Technik (East Germany) v15 n12
p708-12 1963.

I. Muehlberg, H.

MR 626

The Most Important Assignments in Chemical Rresearch
in the German Democratic Republic Through 1970, by
Wolfgang Schirmer, 13 pp.
GERMAN, per, Chemische Technik, No 1, 1964, pp 1-6.
JPRS 23988

EE-Germany

Econ

Apr 64

253, 120

Use of Computers in the Control of Chemical
Processes, by C.R. Hall, J. W. Blakemore.
GERMAN, per, Chemische Technik, Vol 16, No 2,
1964, pp 69-73.
(GB/39/HO 2092)

Sci -

Aug 67

339,908

The Development and Use of Rotary Disk
Extractions in Phenol-Removal Plants,
by R. Goerz, G. Hoffmann.
GERMAN, per, Chemische Technik, Vol 16,
No 2, 1964, pp 80-85.
NTC 69-11300-07A

Sci-Chem
July 69

386,991

Industrial Synthesis of Methanol and Its
Catalyst, E. Monsing.

GERMAN, per, Chemische Technik, Vol XVI,
1964, pp 98-104.

TC-182

Apr 67

323,060

The Technology and Chemistry of Hexachloro-
Rocyclopentadiene, by F. Runge H. Bendix,
et al.

GERMAN, per, Chemische Technik, Vol XVI,
No 4, 1964, pp 203-208.

ATS-64R77G

Apr 67

323,041

Importance of Formulation-Technology for the
Efficiency of Agents for Protection of Plants
by Insecticides and by Pesticides, by L.Banki
and Z.Wolkober.

GERMAN, per, Chemische Technik, Vol.16, No.5,
pp.257-262, 1964.

SLA-TT-66-11329

B/m

Sept 66

309,290

A Contribution to the Measurement of the Temperature Field and the Heat Transfer Coefficients in Air-Cooled Gas-Permeated Packed Columns, by S. Uhlmann, 46 pp.
GERMAN, per, Chemische Technik, No 6, 1964, pp 327-341. F100107768-V
FTD-HT-67-92

Sci/Physics
July 68

350,809

Recovery of Platinum From Consumed Platinum
Contacts, by Hermann Blume, Werner Naundorf,
8 pp.
GERMAN, per, Chemische Technik, Vol XVI,
No 7, 1964, pp 392-394.
IPRS 26516

Sci - M/M
Oct 64

267,930

The Long-Range Outlook for the Lubricants Industry
in the German Democratic Republic, by Friedrich
Matschke, 21 pp.

GERMAN, per, Chemische Technik, Vol 10, no 9, 1964,
pp 529-533.

JPRS 27512

EEur-Germany

Econ

Jan 65

272,033

Chemical Changes During Thermal Treat-
ment of Bitumen, by H. Hrapis.

GERMAN, per, Chemische Technik,

Vol 16, 1964, pp 733-737.

NTC 72-11227-11H

May 72

On the Chemical Composition of
Hungarian Bitumen, by E. Leibnitz.
GERMAN, per, Chemische Technik,
Vol 16, 1964, pp 737-739.
NTC 72-11226-07A

May 72

Exhaust Gas Analysis by Gas Chromatography,
by P. Solbrig, et al.

GERMAN, per, Chemische Technik, Vol 16,
Dec 1964, p 745.

*BISI 4519

Sci/MQM

Nov 65

Trends in the Development of Chloralkai
Electrolysis.

GERMAN, per, Chemische Technik, Vol 17,
1964, pp 147-149.

IICH-8655

Sci-Chem
Sept 66

310,362

NCH-202 516

Field 11F, 13H, 7D

Proft, R.
ELECTROCHEMICAL PROBLEMS IN ALUMINUM MANU-
FACTURE. 1965, 17p. TC-1249.
Order from TC: \$15.00 as TC-1249

Trans. of Chemische Technik (East Germany) v17 n3
p139-46 1965.

1. Trans-Chem
Knoxville, Tenn.

NCH-202 537

Field 12K

Pusche, F.
THE USE OF SURFACE ACTIVE MATERIALS (TENSIDE)
IN TECHNOLOGY. 1965, 19p. TC-1298.
Order from TC: \$15.00 as TC-1298

Trans. of Chemische Technik (East Germany) v17 n4
p205-10 1965.

L. Trans Chem, Knoxville,
Tenn.

Eijkman, J. F.
CONCERNING SOME HYDROGENATED CYCLIC
HYDROCARBONS. [1961] 7p.

Order from SLA \$1.10

62-10400

Trans. of Chemisch Weekblad (Netherlands) 1903, v. 1,
p. 7-12.

DESCRIPTORS: Hydrocarbons, Hydrogenation.

(Unannounced)

62-10400

J. F. Eijkman.

Office of Technical Services

Tijmstra, S.
CONCERNING INTRAMOLECULAR ATOM-DISPLACEMENT IN POTASH-MELTING: CHLORINE PHENOL AND BROMINE PHENOL IN THEIR BEHAVIOR TOWARD KOH, ZnCl_2 , ZnBr_2 , H_2SO_4 , K_2CO_3 AND $\text{KC}_2\text{H}_2\text{O}_2$. [1963] 10p
Order from SLA \$1.10

TT-63-20499

Trans. of Chem[isch] Weekblad (Netherlands) 1908,
v. 5, no. 7, p. 96-101.

DESCRIPTORS: *Resorcinol, Synthesis (Chemistry),
*Phenols, Chlorides, Bromides, *Catalysts, Fused
materials, *Potassium compounds, Hydroxides, *Zinc
compounds, *Sulfuric acid, Displacement reactions.

(Chemistry--Organic, TT, v. 11, no. 6)

TT-63-20499

1. Title: Bromphenols
 2. Title: Chlorophenols
 3. Title: Rearrangement reactions
- I. Tijmstra, S.
 - II. Title: Chlorine...

Office of Technical Services

W. Reinders

Oxidation of Ammonia Into Nitric Oxides.
DUTCH, per, Chemisch Weekblad, Vol 9, 1912,
pp 47-58
NTC 72-13117-07A

sept 72

General Meeting of the Dutch Chemical Association
at the Hague on December 28, 1916, by P. E.
Verkade, 19 pp.

~~SECRET~~
DUTCH

per, Chem Weekblad, Vol XIV, 1917,
pp 34-44.

SLA Tr 2249

Sci - Chemistry
Sep 57

53,036

114-59

A. Ramondt

DUTCH, per, Chem Weekblad, Vol XIV, 1917, pp 544-54-7.

JPRS for Picatinny Arsenal per letter 4 May 59

On Detonation, by A. Slingervoet Ramondt, 4 pp.

D.J.H.
~~Chem~~, per, Chem Weekblad, Vol XVII, 1917, pp
544-547. CIA 649088

FDD/X-3542

Sci - Chem

May 59

The Reaction of Gaseous HI With Sulfur-Containing
Oil Derivatives and With Some Organic Compounds,
Especially With Thiophene, by P. J. Kellensteyn,
7 pp.

NETHERLANDS, Per, Chemisch Weekblad, 1967, Vol XLV,
No 9, pp 102-105.

SLA 59-15225

Bc1

Oct 59

Vol 2, No 3

79 714

(FDD 20250)

The Chemical Bond as an Electrostatic Phenomenon,
Parts III-VI, by A. E. van Arkel, J. H. de Boer,
Nij 46 pp.

DUTCH, wk per, Chemisch Weekblad, 1929,
pp 146-149, 182-184, 210-212, 224-228.

CIA/FDD/U-5771

WEur - Netherlands

Sci - Physics, molecular forces

18,950

(FDD 20257)

Complete and Partial Envelopment of Atoms by
Other Atoms or Atom Groups and the Resulting
Increase in Volatility, 4 pp.

Full translation.

DUTCH, wk per, Chemisch Weekblad, Apr 1929, pp 229,
230.

CIA/FDD/U-5543

WEur - The Netherlands

Sci - Physics, van der Waals forces

10,725
Feb 54

Ssachanow, A. N. and Tilitchejew, M. D.
THE CHEMISTRY OF THE CRACKING-PROCESS.
[1962] 15p. 11 refs.
Order from SLA 51.60 62-10417

Trans. of [Chemische] Ber[ichte] (Germany) 1929,
v. 62, p. 658-677.

DESCRIPTORS: *Hydrocarbons, Decomposition,
Chemistry, Chemical reactions, Petroleum, Methanes,
Benzines, Naphthalenes, Ethylenes, Thermodynamics,
*Gasoline.

(Engineering--Chemical, TT, v. 10, no. 1)

62-10417

1. Title: Cracking.
1. Ssachanow, A. N.
11. Tilitchejew, M. D.

Office of Technical Services

Bromo-Indonesian Studies, Part V, by S. S. Van der
Bent, 6 pp.

Reels
~~Reels~~ per, Chen Weekblad, Vol XXVIII, No 5, 1951,
pp 52-55.

ATS 251315N

TT-64-20439

Sci
Dec 59
Vol 2, No 5

103,611

Bromo-Iodometric Studies. Part IV. by J. H. van
der Meulen, 3 p.

DUTCH, per, Chem Weekblad (Netherlands), 1931,
Vol XXVIII, pp 238-239.

TI-24-20438
ATS-86L3LDU

Sci
Dec 59
Vol 2, No 6

104,137

What Is the Prevailing Trend of Research to
Discover New Combat Gases, by von J. Th. Mackmann,
29 pp. UNCLASSIFIED

GERMAN, per, Chemische Weekblad, Vol XXXI, No 23,
(1602), 9 Jun 1934.

G-2 CUSA G-1029

Scientific - Chemistry

Military - CW

Jul 53 CTS

6287

TT-65-12423

Field 7D

Arkel, A. E. Van.
THE DIPOLE MOMENT AND THE PHYSICO-CHEMICAL
PROPERTIES. PART V. 5p, 5refs.
Order from SLA: \$¹⁰ as TT-65-12423

Trans. of Chemisch Weekblad (Netherlands) v31 p490-2
1934.

I. Arkel, A. E. Van

MR 633

Physical-Chemical Properties of Lead Sulphide in
Connection With Stoichiometric Deviations, by J. Bloem,
19 pp.

DUTCH, per, Chemisch Weekblad, Vol LI, 1955,
pp 387-391. 9225800
AEC-SC-T-64-1628

Sci-Chem
Dec 64

270,065

The Oligodynamic Effect of Metals and Metal Salts,
by Chr. W. Raadsveld, 20 pp.

DUTCH
~~GERMAN~~, per, Chemisch Weekblad, Vol XXXI, 18 Aug 1934
pp 497-504.

S.L.A. Tr No 516/1955

Sci - Minerals/Metals
Mar 1957 CTS/dex

45, 869

Comparative Determination of "Aktiva" and "Aktiva"
chloride in the same solution, by J. T. Van der
Hulst, 7 pp.

INTRODUCTION, Chem. Med. Vol. XXVII, 1954,
pp. 558-561.

AMS 8715100

Sci.
Dec 59
Vol. 2, No. 5

103 615

The Significance of Electric Boundary Phenomena
With Regard to the Stability of Hydrophobic
Dispersions, by H. Eilers, 21 pp.

German
GERMAN, per, Chem Weekblad, Vol XXXI II, 1936,
pp 358-362.

AEC NP-Tr-516

Sci - Chem
Apr 61

149,034

Inorganic Complex Compounds of Boron Trifluoride, by
E. J. Klinkenberg

MITECH, per, Chem Weekbl, Vol XXXIV, 1937, pp 23-25.

TPA3/TZB T 4118

Scientific - Chemistry
OTS/DEX

8188

Glass Made from Potato Flour, 2 pp.

DUTCH, per, Chem Weekblad, Vol XXXIV, 1937,
pp 221-222.

SLA 57-3188

Sci

Aug 58

72,472

The Crystallizing of Technical Products, Especially
Ammonium Sulfate, by G. Berkhoff, 6 pp.

Dutch
~~English~~, per, Chem Weekblad, Vol XXIV, 1938, pp 868-
872.

S. L. A. Tr 559/56

Sci - Chemistry

Aug 56 CTS/dex

38,360

Berkhoff, G.
THE CRYSTALLIZATION OF TECHNICAL PRODUCTS,
ESPECIALLY OF AMMONIUM SULFATE. [1960] op.
4 refs.

Order from SLA \$1.10

60-18114

Partial trans. excerpts of Chemisch Weekblad
(Netherlands) 1938, v. 35 [no. 51] p. 868-872.

DESCRIPTORS: *Ammonium radicals, *Sulfates,
Crystallization, Production.

(Unannounced)

60-18114

J. Berkhoff, G.

Office of Technical Services

Diffusion of Gases Through Metals, by J. D. Fast.
DUTCH, per, Chemisch Weekblad, Vol 38, 1941,
pp 2-8.

*CFSTI TT 70-59042

Sci- Chem
May 70

Diffusion of Gases in Metals, by J. D. Fast.
GERMAN, per, Chemisch Weekblad., Vol 38, 1941, pp 19-23.
*NTIS/NBS TT 71-55130
Available NBS Only

June 71

Berger, G.
THE STRUCTURE OF MONTMORILLONITE. Pro-
visional Rept. Concerning the Methylating of Clays and
Clay Minerals. [1961] [8]p. 13 refs.
Available on loan from SLA

62-10089

Trans. of Chemisch Weekblad (Netherlands) 1941,
v. 38, p. 42-43.

DESCRIPTORS: *Clay, Minerals, *Montmorillonite,
Crystal structure, Exchange reaction, Methyl
radicals.

(Earth Sciences--Mineralogy, TT, v. 7, no. 4)

62-10089

I. Berger, G.
II. Title: Methylating ...

Office of Technical Services

The Effect of Hydrochloric Acid on Acetone
Cyanohydrin, by J. A. Ultee.

GERMAN, per, Chemische Weekblad, Vol 38,
1941, pp 55-56.

NLL Ref: 5828.4F (M.7543)

Sci-Chem
June 69

384,575

Investigation on the Chemical Composition of
Petroleum, by A. Dias Santilhano, C. Van Vlodrop,
H. I. Waterman, J. Van Wijk, 7 pp. ENCLASSIFIED

~~Research~~, wkly par, Chem Weekblad, Vol XXXVIII, 1941,
pp 106-113.

Navy Tr 1021/BuShips 560

Scientific - Fuels
CTS/DEK

CIA D 44327

15,150

Technical Successes and Scientific Foundation
of Heterogeneous Catalysis, by G. H. Visser, 4 pp.

Dutch
~~GERMAN~~, per, Chemisch Weekblad, Vol XLII, 1946,
pp 134-135.

SLA Tr 788/1955

Sci - Chem

50, 192

Jul 57

Determination of Hydrogen in Air by Filament
Ignition, by C. J. Snijders, 3 pp.

DUTCH, Deur. Chem Weekblad, Vol. XLIII, 1946,
pp 713-714.

AEC Tr 1873

Scientific - Chemistry
CIS/DEX

14,368

Some Aspects of the Development and Technology of the
Nitrogen Industry, by D. Van Krevelen

10/4/48
~~ORCHH~~, per, Chem Weekblad, Vol XLIV, 1948, pp 437-445.

S.L.A.
Nat'l Res Council Canada TT 212

Scientific - Chemistry
Jul CTS/DEX Price 0.25

16, 4 71

Electrical Properties of Metal Oxides With Foreign
Atoms in the Crystal Lattice, by E. J. Verwey,
P. W. Haayman, P. C. Romeyn, 7 pp.
UNCLASSIFIED

DUTCH
~~GERMAN~~, ~~DEUTSCH~~, Chemisch Weekblad, No 44, 1948,
pp 705-708.

R.A.E. Farnborough 443

Scientific - Chemistry

Jun 54 CTS/DEX

14,868

Individual Characteristics of Vitamin B₁₂ by H. Wijnga
J. Lens. and A. Middelbeek, 6 pp

DUTCH

~~GERMAN~~, per Chem Weekblad, Vol XLV, 1949, p 342.

SLA 57-1208

Sci-Medicine

Mar 58

61,628

Preparation of Ash Free Activated Carbon, by
J. A. Korver, 4 pp.

Dutch
GEBRUIK, per, Chemisch-weekblad, Vol XLVI, 1950,
pp 301-302.

S. L. A. Tr 622/56

38,319

Sci - Chemistry

Aug 56 CTS/dax

Ring Formation in the Polymerization of Linseed Oil
to Stand Oil, and Experiments With Continuous Method,
by B. Penningskamp

DUTCH
Scientific, per, Chem Weekblad, Vol XLVI, 1950, pp 358-
362.

Nat'l Res Council Canada TT 378

Scientific - Chemistry
Aug CTS/DEX

16,847

Styrene Oils, by J. Rinse, 20 pp.

DUTCH, per, Chem Weekblad, Vol XLVI, pp 373-378,
1950.

SLA 3303

Sci - Chem
Aug 58

70,564

Carbontetrachloride-Aluminum Mixture is Exploded,
by W. E. Lindeijer.

GOVERNMENT USE ONLY

DUTCH, per, Chem Weekblad, Vol 46, 1950, pp 571.

NASA TT F-12,219

Sci-Chem
Aug 69

390,093

pH Measurement in Suspension, by H. Loobjes, 8 pp.

Dutch, Sci: Chem Weekblad, Vol XLVI, No 50, 1950,
pp 902-905

SIA Tr 57-2681

Sci
Aug 58

68,704

Schrama, J.
THE DEFINITION OF pH, tr. by Bertha P. Klenova.
6 Sep 51, 30p. 32 refs. TVA 3036.
Order fr. n OIS or SLA \$2.60 62-25793

Trans. of Chem[isch] Weekblad (Netherlands) 1951,
v. 47, p. 169-173.

DESCRIPTORS: *Hydrogen ion concentration, Theory,
Determination, Error, Acids, Ions, Thermodynamics.

No thermodynamic properties of an aqueous solution are known which would characterize in a suitable manner and correctly the acidity of the solution. The pH defined by Sørensen is a non-thermodynamic magnitude, and it is probably the most suitable measure of the acidity of a solution. In certain instances it can be determined clearly from the absorption spectra; in the majority of cases, however, the pH is not accessible (Chemistry--Physical, TT, v. 9, no. 4) (over)

62-25793

I. Schrama, J.
II. TVA-3036
III. Tennessee Valley
Authority, Wilson
Dam, Ala.
IV. 60-23250 canceled

30-16-62

Office of Technical Services

Analysis With High Frequency Fields, by W. Van
Rijgeren.

~~Chem.~~, per, Chemisch Weekblad, Vol XLVII, 1951,
pp 281-287.

AEC Tr 1698

Scientific - ~~PHYSICS~~
Chemistry

Sep 63 GTS

5717

Krevelen, D. W. van.
MASS TRANSFER AND KINETICS IN CONTACT
CATALYSIS (Stoftransport en Kinetiek bij de Con-
tactkatalyse). [1962] 22p. 9 refs.
Order from SLA \$2.60

62-14907

Trans. of Chemisch Weekblad (Netherlands) 1951,
v. 47, no. 27, p. 427-435.

DESCRIPTORS: *Catalysis, *Mass transfer,
*Reaction kinetics, Surface properties, Diffusion,
Fluid flow.

(Chemistry--Physical, TT, v. 8, no. 12)

62-14907

I. Krevelen, D. W. van

Office of Technical Services

On the Mechanism of Determination of the
Silicic Acid Content of Soluble and In-
soluble Silicates, by H. van der Weal.

DURCH, per, Chem Weekblad, Vol XLVII, 1951,
pp 845-848.

SLA INDOC-P-1396

Sol

68,436

Jul 58

On Abnormal Diffusion, by J. Straub.
DUTCH, per, Chemisch Weekblad, Vol. 47, 1951,
pp 1041-1046.

*CFSTI TT 70-59039

Sci-Chem
May 70

Distribution of Polymers in Polymerization
Products, by E. J. Arlman, 18 pp.
DUTCH, per, Chemisch Weekblad, 1952, vol 48,
no 16 pp 237-242.
SLA TT 64-18857

Jul 66

305,466